

Remarks/Arguments

Claims 1-15 are pending.

Section heading have been added to the specification as suggested.

Rejection of claims 1-3, 5, 9 and 15 under 35 USC 102(b) as being anticipated by Lindemeier et al.

Applicants submit that for the reasons discussed below present claims 1-3, 5, 9 and 15 are not anticipated under 35 USC 102(b) by Lindemeier et al.

The present invention relates to a method and an apparatus for providing adaptive horizontal sync detection (page 1, lines 6-7). The adaptive sync detection is used to determine whether the input signal is a valid usable signal, and to enable or disable the display of the signal and provide an error message in response to the adaptive sync detection. The adaptive horizontal sync detection depends on the type of signal source, which may be over-the-air, cable, or playback device (for example, see page 2, lines 6-8; page 5, lines 17-29). The adaptive sync detection determines the quality of the input signal by comparing the amplitude of the horizontal sync signal with a threshold level established for the particular type of signal source.

In this regard, amended claim 1 recites: "... a signal input for receiving a television signal from one of a plurality of signal source types, each of the plurality of signal source types being associated with a respective signal source and providing respective television signals... wherein the horizontal synchronization signal processor adaptively processes the horizontal synchronization signal to determine a quality measure of the received television signal by comparing the amplitude of the horizontal synchronization signal with a threshold amplitude level established in response to the signal source type of the received television signal (emphasis added)" Claims 5 and 15 similarly recite this feature in method form. Applicants submit that Lindemeier et al fails to disclose or suggest these recited features.

Lindemeier is directed to a switching system in an antenna diversity receiving system having N antenna inputs. In particular, the antenna diversity receiving system is used to acquire a television signal in a mobile system (col. 1, lines 8-10).

The antenna switching circuit switches one or a combination of signals out of the N supplied antenna signals 11 to the television receiver 2 (col. 6, lines 52- 57). This is done to select the best signal from the presented antenna signals and minimize the picture disturbances (col. 1, line 66 - col. 2, line 3). The system of Lindemeier is only concerned with receiving and processing over the air television signal. Thus, Lindemeier does not disclose or suggest receiving a television signal from one of a plurality of signal source types, each of the plurality of signal source types being associated with a respective signal source as recited by the present amended claims.

Therefore, applicants submit that Lindemeier fails to disclose or suggest a notable feature of amended claims 1, 5 and 15, and these claims, and the claims that depend therefrom, are not anticipated by Lindemeier.

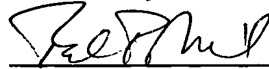
Rejection of claims 12 and 13 under 35 USC 103(a) as being unpatentable over Lindemeier

Applicants submit that for the reasons discussed below present claims 12 and 13 are patentably distinguishable over the teachings of Lindemeier.

Lindemeier is additionally cited as suggesting the additional features of claims 12. However, applicants submit that the additional features mentioned do not overcome the defect of Lindemeier as applied to amended claim 5 as discussed hereinabove. Therefore, applicants submit that present claims 12 and 13, which depend from amended claim 5, are patentably distinguishable over Lindemeier for at least the same reasons as those discussed above.

Having fully addressed the Examiner's rejections it is believed that, in view of the preceding amendments and remarks, this application stands in condition for allowance. Accordingly then, reconsideration and allowance are respectfully solicited. If, however, the Examiner is of the opinion that such action cannot be taken, the Examiner is invited to contact the applicant's attorney at (609) 734-6815, so that a mutually convenient date and time for a telephonic interview may be scheduled.

Respectfully submitted,
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